



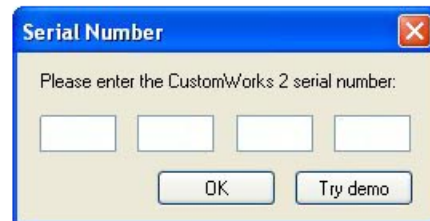
CustomWorks II Beyond the Basics

CustomWorks II is stand-alone editing software that gives you the power to edit, merge, color sort, and much more design manipulation options than ever before. It is also a platform for the Designer's Gallery Toolpacks that allow you to get the maximum benefit of your Designer's Gallery programs.

When you open CustomWorks II for the first time, you will need to have your serial number handy so you can open the program and register your CustomWorks II software.



Activating the Software

When you open CustomWorks II for the first time, you will see the following dialog.



The registration may be done with or without an internet connection, but must be done before your program can be upgraded or updated.

You will immediately see that CustomWorks II has a little bit of a new look. Several new icons

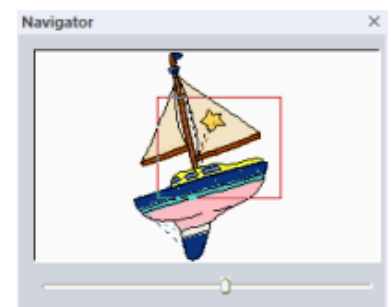
have been added to the Design Tools toolbar  and one new icon on the Edit Tools toolbar . A Navigator window has been added and floats above the workspace.

CustomWorks II comes with a Library of 51 designs in the .BLF format. Don't forget to install this Library when you install CustomWorks II or the CustomWorks II Upgrade.

I. Set Up the Workspace


A. Navigator Window

The Navigator window is a quick way to zoom in on an area of the design for better viewing and editing



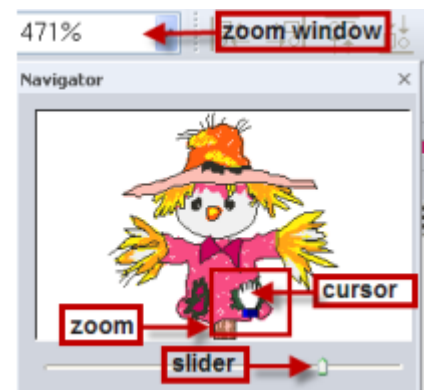
- The window is on by default at start-up when CustomWorks II is opened
- To move the window, place your cursor in the Title Bar beside **Navigator** and then click and drag the window to the desired location on your screen.
- The window may be opened and closed by pressing **Alt+W** on your keyboard.
- The window may be closed by clicking the **X** on the top right corner of the window.
- The Navigator may also be turned on and/or off by selecting **TOOL BARS** and clicking beside Navigator on the drop-down menu.
- Refer to page 55 in your manual for more options.

1. Open a design.

- Click the **Merge Design** tool .
- When the Browser opens, click the + beside the **C drive**, the + beside **Designer's Gallery**, the + beside **CustomWorks** and inside the box beside **Free Designs**.
- Select the **scarecrow** (fall.BLF) and click Open.
 - A red rectangle appears around the design in the Navigator window.

2. Navigate the design.

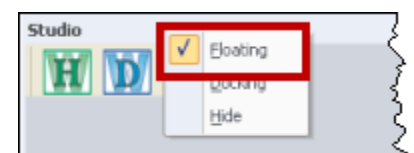
- Click and drag the slider in the Navigator to the right.
 - The red rectangle becomes smaller and the design on the design page becomes larger. Note also that the zoom increases in the **zoom window**.
 - When the cursor is placed over the zoom rectangle, it becomes a hand.
- Click and drag the cursor (hand) to move the zoom box to different areas of the design.
- Close the Navigator window.



B. Positioning the Left Panels


There are several different panels in CustomWorks II, including the Color Palette, the Sequence View, the Properties Panel, and the Studio panel. By default, when you first open the software, these panels will always be “docked” on the right side of your workspace. However, there are ways to move them around into different positions for better viewing.

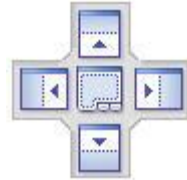
- Floating** will allow docked panels to be moved anywhere on the workspace.
 - Right click in the Studio panel's title bar.
 - Select **floating** from the pop-up menu.
 - Click and drag the panel to the desired place on your workspace.



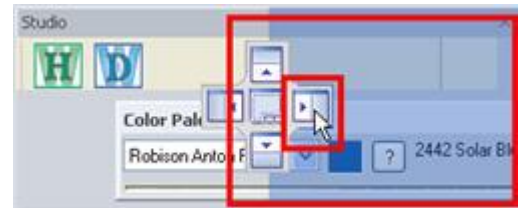
2. **Hide** a panel.
 - a) Right click in the Studio panel's title bar.
 - b) Select Hide from the pop-up menu or simply click on the X in the top right corner of the panel. *To show the panel again, go to the menu bar, click the Tool Bars menu, and select the name of the panel that you wish to show.*

3. **Dock** a floating panel.

- a) Left-click the Color Palette's title bar and drag it a short distance, continuing to hold down the mouse button.
 - A set of arrow buttons will appear on the screen in the form of a cross. There are four tabs with shaded sides  plus a center tab. As soon as the cursor is over one of the four shaded tabs, that area of the workspace or panel will turn into a blue shaded area indicating where the panel will be docked.



- b) Place the cursor over the left tab and then release the mouse button to dock the panel.



4. **Tabs** – The panels may also be set up as tabs.

Tabbing the panels will allow you to view the panels in their full size, making the panels easier to view, especially the Color Palette and the Sequence View. If you will look closely at the center button, you will see small tabs on the bottom edge.

- a) Click, drag, and drop the Sequence View title bar on the center tab button.
- b) Repeat for each of the other panels and watch the tab bar form along the bottom of the panel area.



- c) Simply click on any tab to open the full panel.



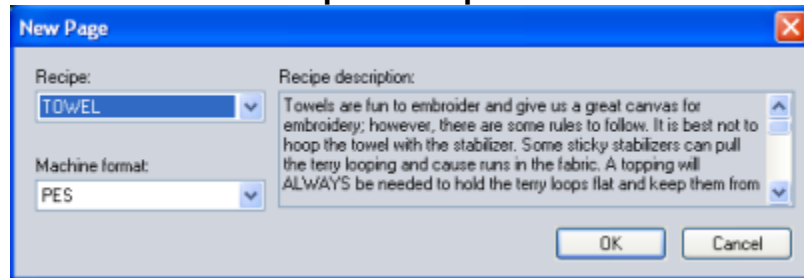
II. Program Preferences



Click the Program Preferences icon.

A. Formats tab

1. **Recipe** – As in the previous CustomWorks, the Recipe only works with Frames, LetterWorks, QuiltWorks or designs that are actually created in the program. Select your preferred fabric type and CustomWorks will change the underlay based on the fabric type. **Recipe does NOT work with stitch files or BLF files.**
 - Open the Recipe box to select a recipe from the menu.
 - When a Recipe is selected from the Program Preferences it will remain active each time a new design page is opened or until the recipe is changed.
 - CustomWorks now provides some very useful information for stabilizer, needle, and thread selection when the Recipe is accessed through the File menu.
- a) Click **File** and click **New**.

- b) Select Towel from the Recipe menu.
- c) Use the scroll bar under **Recipe description** to access the information.



- c) If you just want to read the information and not apply the Recipe, click **Cancel**.
 - d) Click OK and a new design page will open with the settings for the selected recipe. **Recipe does NOT work with stitch files or BLF files.**
 - *When a Recipe is selected under the File menu, it is only active on the new page. If another new page is opened, the recipe reverts back to Normal.*
 - *Look at the **Title Bar** at the top of the page to view the recipe type.*
2. **Machine Format** – Open the Program Preferences
- VP3 format (Viking/Pfaff) has been added – Hoops, reading and writing
3. **Color match on loading**
- A machine formatted design opened in CustomWorks II will retain the thread palette in which it was created unless **color match on loading** is checked.
- If Color match is checked, the colors will be matched to whichever color palette is selected in the color Palette panel so you can easily match the thread colors to your brand of embroidery thread.
- NOTE:** This feature was added in the last update for CustomWorks (build 2109)
- a) Open a new page, click Merge design , select a stitch file (design), and click Open. Make note of the embroidery thread palette.
 - b) Open Program Preferences, click in the Color match on loading box  **Color match on loading** and click OK.
 - c) Select a different embroidery thread palette (Sulky Rayon).
 - d) Open a new page and open the same design. Note that the thread palette has converted the colors to the newly selected thread palette.

NOTE: .BLf files will retain the original colors whether the box is checked or not.

B. Input Formats tab

New formats have been added – Open the Program Preferences

- Viking/Pfaff (VP3)

- Zip File (ZIP) - CW II will not only open a zipped file but will also open zipped folders.

C. **Babylock** – New tab added

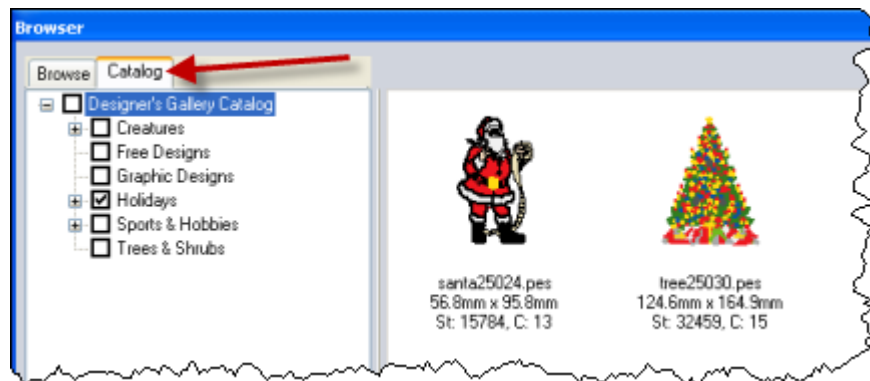
All hoop sizes along with stitch count and color count limits for each hoop are listed here. This guide is especially good for machines with smaller embroidery fields such as the Sophia and Ellure. The information here will help prevent creating a design file that is too large for the machine with a smaller hoop to handle. **However, the hoop size still will need to be set in the View Hoop menu.**

1. Under the **Babylock** tab in Preferences, select the **PES100mm x 100mm** hoop and click **OK**. Look at the Status bar (above the Start menu) and note that the size did not change.
2. Open the View menu, click Select Hoop...., select the 100mm x 100mm hoop, click Apply and OK.
3. Now let's work in reverse: Open the View menu, click Select Hoop...., select the 200mm x 200mm hoop, click Apply and OK.
 - Open the Preferences and click the Babylock tab. Note that the hoop automatically selected the 200mm x 200mm hoop.

D. **Catalog Path** tab

If you have Studio Plus or Studio III installed on your computer you will have a Catalog path tab in Preferences. When your Browser is open the Catalog tab will appear alongside the Browse tab. This tab gives you a view of your design catalogs.

- Click Merge design  to open the Browser



- Close the Browser

III. File Menu

A. **New...**

1. Click **File** and click **New...** from the drop down menu - Here you have the ability to change the Recipe for a single Design page

2. Select your fabric type under Recipe and scroll through the advisor for a wealth of information on stabilizers, needles, etc., to help you get the best possible stitched results for your designs. Even the order numbers are listed for the recommended stabilizers.

A new design page will automatically open when New is selected from the File menu or you may just click Cancel if you only want to look at the information.

- When a Recipe is selected, it will show in the Title Bar as **Style**.



NOTE: The Recipe only works with Frames, and the LetterWorks, and QuiltWorks toolpacks.

B. Read and Write

CustomWorks II has the ability to read and Write to several external memory devices:

- Amazing Box Max
- Little Max
- CardWorks II

C. Print Options

1. Open any design  onto the workspace.
 - a) Select Print Preview from the drop down File menu or you may click the Printer icon  on the tool bar.
 - **New Feature** – the Print Preview now opens on the Design page.



2. Click **Settings** **New Feature** - On the **Print Settings** the crosshair can be removed making it easy to print templates that may be used for iron on transfers. *Just remember to mirror image the image before going to the print settings. Otherwise the image will be backwards for your iron-on transfer.*

- Uncheck the box beside Remove crosshair and click OK.
- Click close to remove the Print Preview and return to the design page.



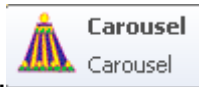
IV. Design Decoration Tools

CustomWorks II has added four new Decoration Tools. We'll explore each one separately.

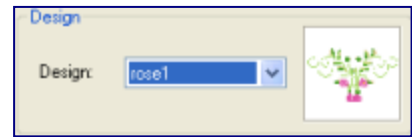
A. Carousel

The Carousel tool adds a number of repeated small design elements in a circular pattern on the workspace. You may use one of the 30 preloaded designs that come with Carousel or a selection from any formatted design. I can see how this tool can be used to create some awesome quilt blocks.

1. Under the View menu, select the 200mm x 200mm hoop and click OK.



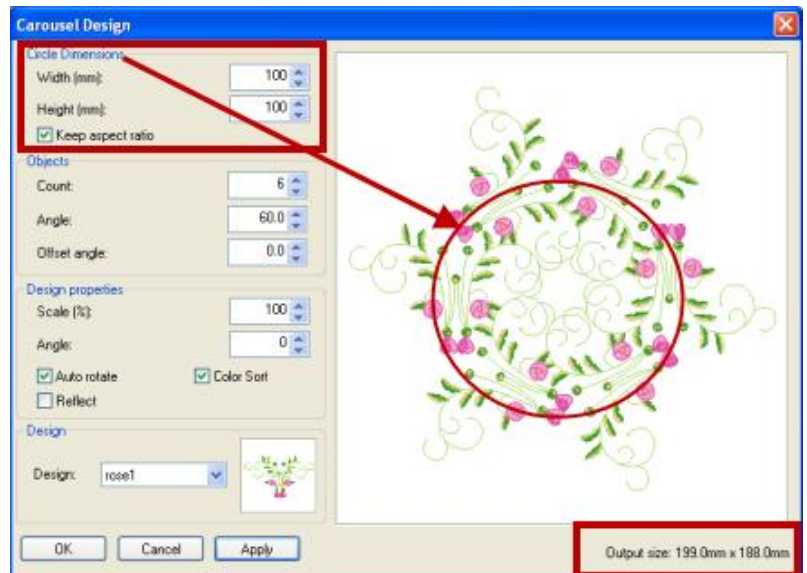
2. Click the **Carousel** tool. For the first exercise, I'll use one of the preloaded designs. To view the preloaded designs, click on the name of the first design and use the arrow keys on your keyboard to scroll through the thumbnail designs. When you arrive at the design that you want to use, click Apply and the design will appear in the design window.
3. Select **rose1** and click **Apply**.



NOTE: To give you an understanding of the Carousel tool, I'm going to break down the different elements of the tool.

- a) Circle Dimensions value determines the size of the circle that the small designs are placed on, rather than the overall size of the design.

The design's outer dimensions will be displayed as the output size in the lower right corner of the dialog box. **You will need to keep your hoop size in mind when setting the Output size.**



- You may uncheck **Keep aspect ratio** and type in different values in the Height and Width dimensions to create an oval.

NOTE: Each time you apply a change to any of the elements in Carousel, watch the Output size change. Before you exit the Carousel dialog box, be sure to check the Output size just in case you want to make changes. After you exit, it's too late!

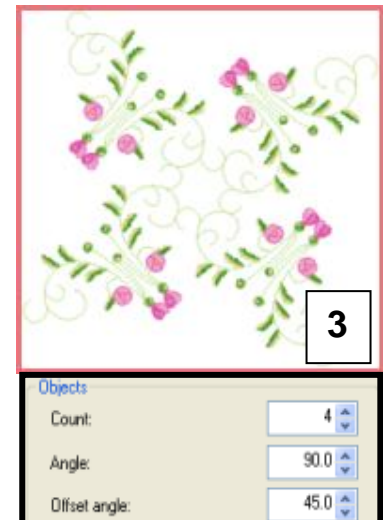
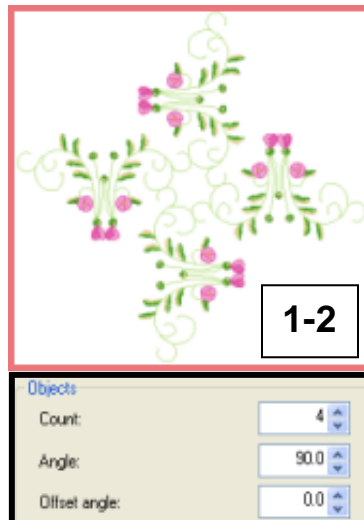
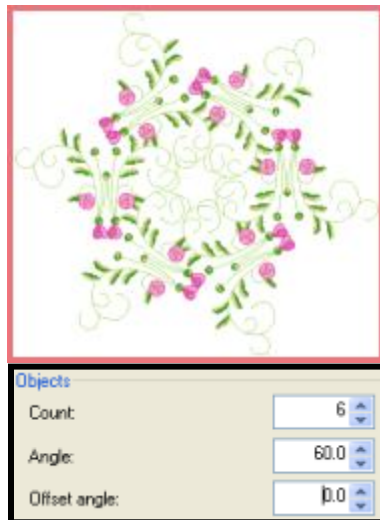
- b) Objects

- Count – number of designs
- Angle - rotation angle of each individual design
- Offset angle – rotates the entire group of designs as a whole object

The number of times the design repeats is related directly to the angle between each design so this is why the angle will change when the count is changed or vice versa.

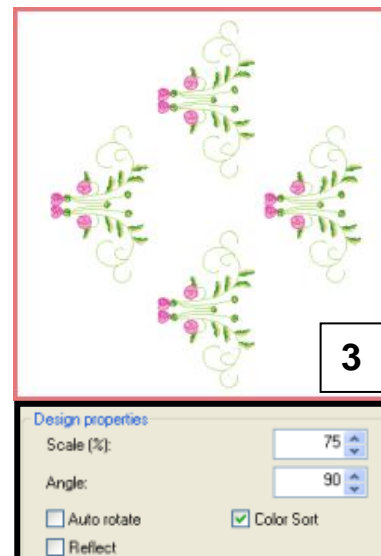
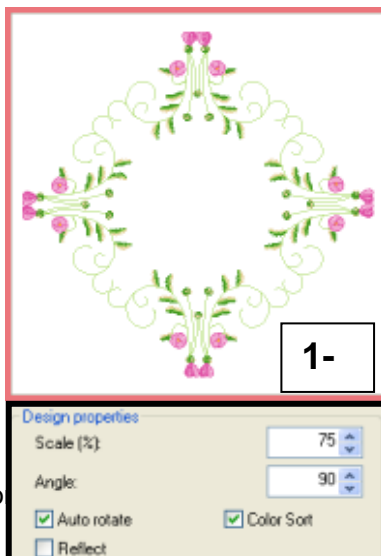
1. Change the **Angle to 90** and note that the count automatically changed to 4.

2. Click **Apply** and you can clearly see that the designs are positioned at 90°.
3. Change the Offset angle to **45** and **Apply**.
4. Change the Offset angle back to 90 and Apply.



c) Design properties

- Scale% - Scales the size of each individual segment.
 - Angle – Adjusts the orientation of the individual segments
 - Auto Rotate – Uncheck to arrange all of the segments at the same angle (relative to the overall design)
 - Reflect – Will mirror image each individual segment.
 - Color Sort - Automatically applies the Color Sort function to the design when the stitches are generated.
1. Change the **Scale% amount to 75** and **click Apply**. Note that the designs are 3/4 of the original size. (*Look at the Output size before and after you apply the scaling.*)
 2. Change the **Angle to 90** and **Apply**.
 3. Uncheck **Auto Rotate** and **Apply**.



4. Check **Auto Rotate** and **Apply**.

5. Change the **Objects Count** to **6** and Apply.

The designs are overlapping a little so we have some options.

- Change the count
- **Change Circle Dimensions** to increase the Output size

Output size: 145.0mm x 131.0mm

Remember

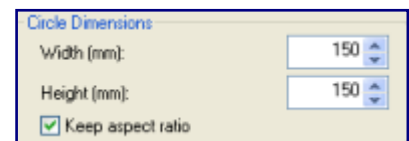
that I selected the 200mm x 200mm hoop and the Output size is smaller than the selected hoop.



6. Change the **Circle Dimension** to **150** and Apply.

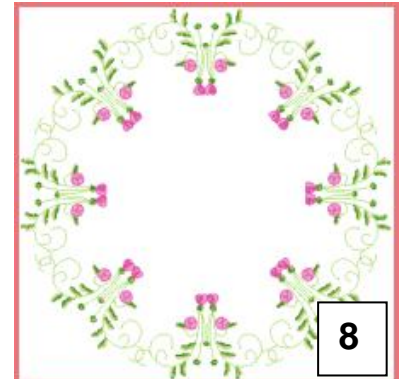
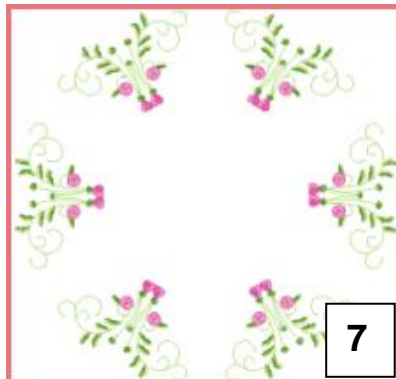
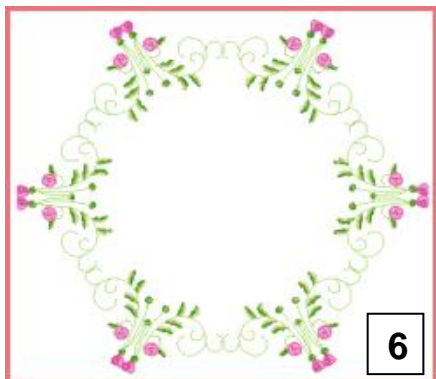
Check the Output size

Output size: 195.0mm x 174.4mm



❖ I think we have a winner! ☺ But let's create another look.

7. Click inside the Reflect box and Apply. Now the objects are reflected but are too spread out, so we can add more objects to fill the area.
8. Change the Count to 8 and Apply. Perfect! Is the Output size still ok?
9. Click Ok to place the Carousel on your current design page.
10. Save your design.



A-1 Carousel – Using a Formatted Design

1. Open a new page.
2. Open the **rabbit2.blf** from the CustomWorks II Free Designs.



(Path: (C) drive –Designer's Gallery – CustomWorks – Free Designs – rabbit2.blf)

3. Select **All Items** in the **Sequence View**. *The file will need to be Ungrouped for this exercise.*
 - Right click and select **Ungroup** from the pop-up menu.
4. Left click and drag a box around the carrot.
5. Right click on the carrot and select Carousel from the menu.
6. Change the **Circle Dimensions to 125** and Click Apply.
7. Click **Ok** to return to the current design page and save your design.



B. Scatter

The Scatter tool takes a small design and randomly scatters the design about in a prescribed area in the design workspace. One of the 26 built-in elements may be used or you may use an existing embroidery design. The scatter feature is good for creating fabric textures for purses, pillows, etc.

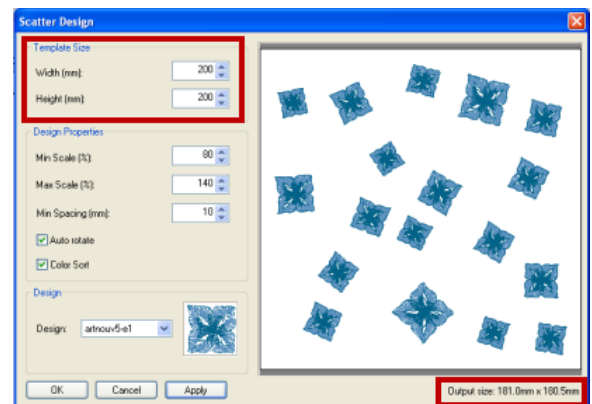
1. Open a new page.
2. Select a hoop. I'll use the same one, so just click on the hoop icon on the left toolbar.



3. Click the Scatter tool. For the first exercise, I'll use one of the preloaded designs. To view the preloaded designs, click on the name of the first design in the preview window and then use the arrow keys on your keyboard to scroll through the thumbnail designs. When you arrive at the design that you want to use, click Apply and the design will appear in the design window.
4. Select one of the preloaded designs and click Apply.
 - If you don't like the Scatter, click **Apply** again. *Each time Apply is clicked, the designs are randomly re-scattered (kind of like a kaleidoscope) and the output size will change.*

- a) The **Template Size** for Scatter does not have an aspect ratio so the Height does not change in relation to the Width. *The Template Size should be set for the size of the embroidery hoop you will be using to stitch the embroidery.*

This Template is set for the Ellisimo 8" x 8" hoop (200mm x 200mm)

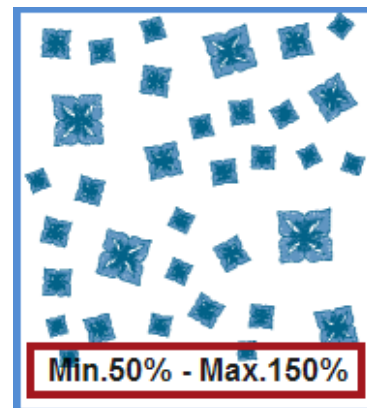
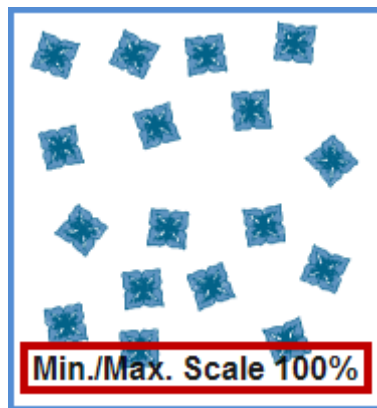


Template Size may be changed when you get ready to go to the design page so that the **Output size** will better match your hoop size.

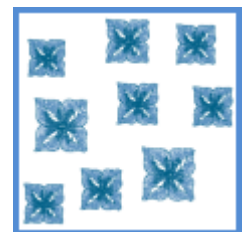
The **Output size** will change each time a change is applied in the Scatter Design Dialog box.

b) Design Properties

- To better help understand the **Min.Scale% and Max. Scale%**;
1. Set both amounts to 100% and click **Apply**. *Now all the designs are the same size*
 2. Set the **Min. Scale% to 50, the Max. Scale% to 150**, and click **Apply**.
(The **Scatter** tool will make the designs smaller or larger to best fill the space).
The maximum and minimum sizes are expressed as a percentage of the original size of the element.






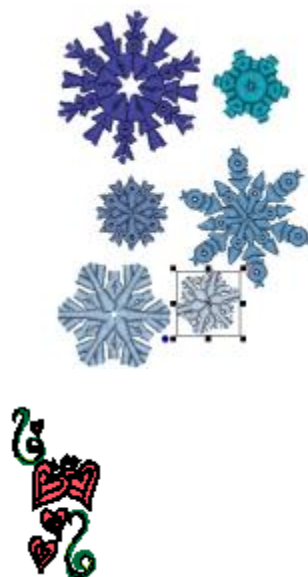
- **Minimum Spacing** – Sets the minimum amount of space between the designs.
 1. Change the Min. spacing to **20mm** and click Apply. – this action results in less designs.
 2. Change the Min. spacing to 5mm and click Apply. – this action results in more designs.
- **Auto Rotate** - Auto rotate is checked by default. This allows the tool to rotate the design elements randomly within the Scatter. **Uncheck the Auto Rotate box** and click **Apply** to force the designs to all be placed with the same orientation.
- **Color Sort** - Automatically applies the color sort function to the design when stitches are generated. This box is checked by default, but if you want the colors NOT to sort, uncheck the Color Sort box.
- Click **Ok** to return to the current design page and save your design.



B-1 Scatter using a formatted Design


A small design (an inch or less) needs to be selected for the Scatter function.

1. Open a new page.
2. Click **Merge Design** , select the snowflakes .blf from CustomWorks II Free Designs, and click **Open**.
3. In the **Sequence View**, delete everything except the first snowflake.
 - Right click on the remaining snowflake and select Scatter.
 - *Proceed with any further changes desired. Click OK if you want to save the scatter or Cancel to return to the design page.*
4. Open a new page.
5. Open the hearts design (wb14 .v6.pes). *This design is a free download from the amazingdesigns.com web site.*
 - a) Click the **Stitch** tool .
 - b) Click the **Lasso Select** tool  beside the STOP tool.
 - c) Click and drag a lasso around everything except the small heart on the bottom left.
 - d) Touch your **Delete** key to delete the selected stitches.
 - e) Click the **Select** tool.
 - f) In the **Sequence View** click **All Items**.
 - g) Right click on the remaining heart in the workspace and select **Scatter**.
Proceed with any further changes in the Scatter dialog box.



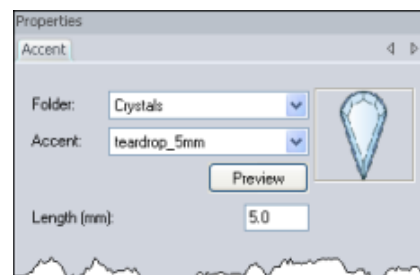
C. Adding Accents to a Design

The accent tool allows you to place individual crystals, pearls, nailheads, and sequins onto your embroidery design in the workspace. Using this tool, you can now preview how a design incorporating these features will look before the actual sew-out. You can even see the accents in the print preview of the design and from there print out a placement guide.

1. Open a new page.
2. Click **Merge Design** , select the butterfly (bali2.blf) from CustomWorks II Carousel Designs, and click **Open**.
 - Click the Transform tab in Properties, change the width to 3" (75mm) and click Apply.



3. Click the Accent tool  and the Accents open in Properties.



The Accents may be viewed two different ways.

- a) Select the type of Accent from the Folder in properties and then open the Accent menu to view a list of colors, shapes, and sizes for the chosen accent type.
- b) Click Preview in the Properties and a window opens that will allow you to see a pictures of the accents.
 - Open the Crystals and select one of the 4mm crystals. The cursor will turn into a **+**.
 - Left click on each spot on the butterfly wings to place a crystal.
 - Open the drop down Accent window and select a 3mm crystal.
 - Click on each eye to place a crystal.

4. In the Sequence View, select and delete the spots and the eyes that will otherwise stitch.



5. Under **File**, click **Print Preview**.
The Print Preview now shows up on the design page.



- Click **Print** to print the template to use as an accent placement guide.
- Click **Close** to close the print preview and return to the current design page.

D. Frames and Accents

There are 115 shapes in CustomWorks II. The shapes may be used to create templates for the placement of Crystals and other Accents.

1. Open a new page.



2. Click the **Frames** Icon.

- Select a shape. (**stocking**)
- Click inside the circle beside Accent.
- Select **Sequins** from the Folder.
- Select **snowflake_red_6mm** from the Accents folder.
- Change the **Length to 3mm** and click **OK**. *The Length is the spacing between the accents.*
 I wanted the sequins to overlap so I could stitch them on my sewing machine.
- If you are not pleased with the spacing, you may change the spacing by entering a new Length in the Properties (and/or also change the type of Accents). Change the length to **6mm** and click **Apply**.



- When you are satisfied with your template click **Print Preview** and print the template or just click Print from the drop-down File menu.



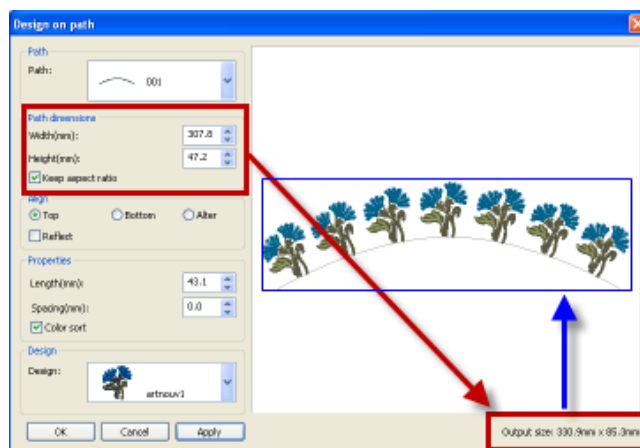
E. Design on Path

Design on Path will repeat a small design on a selected path. You may select from 30 built-in designs in the Design on Path dialog box or select a small design of your choice from one of your collections. A path may be chosen from one of the 7 paths in the dialog box. If QuiltWorks is installed, you may create a new path and save it.

- Open a new page.

- Click the **Design on Path** tool . The dialog opens with a default path and design.

- Path dimensions** – the **path dimension** is the height and width of the line. The **Output size** is the height and width the design will be when it is saved to the design page workspace when you click OK.



This is where you will want to pay close attention to the Output size in relation to the hoop size that you will use to stitch your design. For example: look at the **output size** for the default design on path - 330.90mm wide x 85.3 mm tall. Your design would be too large for the largest hoop which is 200mm x 300mm (Ellisimo/BMP).

If you really want to use a path larger than your hoop, you have the option to split it with Designer's Gallery HoopWorks tool pack.

When **Keep aspect ratio** is checked, the height of the design on path will change in relation to the width of the design on path line. To better understand this:

- Uncheck **Keep aspect ratio**.

- Change the **height** to 0 and click **Apply**.
Now the Path is straight.

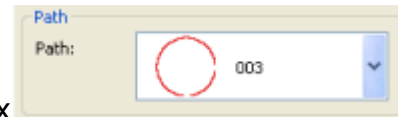


This is the perfect use of a design to create a border. *You may even use the border with the Continuous function built into your Baby Lock embroidery machine along with the Continuous Border Hoop.*

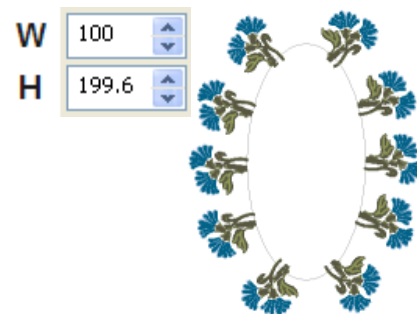
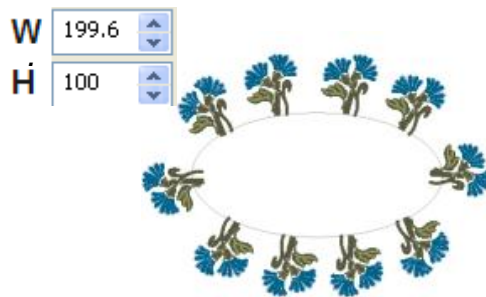
- Make a note of the Output size - **Output size: 302.0mm x 50.0mm** When the width is changed in the path dimensions the size of the designs seem to change also, however the individual design size does not change at this point. To illustrate this, change the path **width dimension to 200** and **Apply** (also remember at this point that the aspect ratio is still turned off). Again look at the output size

and see that the height (50mm) did not change Output size: 185.4mm x 50.0mm even though the designs look larger.

NOTE: The design size can be changed in this dialog box and I will cover a little later when I discuss Properties.



- Select the Circle 003 from the Path box
- With the aspect ratio still unchecked, change either the height or width to 100mm and click Apply. *The height is ½ of the width and you have created an oval.*



b) **Align**

- Select: path 001 – Design lacey3 – aspect ratio unchecked – height 0 – width 200 and Apply.

TOP- places design on top of path.



Bottom- places design on bottom.



Reflect- mirrors the design from top to bottom.



Alter- alternates every other design on top and bottom of the path.



- Click Top.

c) **Properties**

Length (mm) – changes the length of each individual design and the height will change proportionally

- Change to each of the lengths on the illustration and Apply after each change.



*As the length decreases, more
path.*

designs appear on the design

NOTE: If you are using a file that has already been turned into a stitch file, you **must have the SizeWorks tool pack installed** to re-calculate the stitch count. If you are using a BLF file SizeWorks is not necessary.

Spacing (mm) – Sets the amount of space between the designs.

- Change the Spacing to 10mm and Apply.

Color Sort - The Color sort feature automatically applies the color sort function to the design when stitches are generated. This box is checked by default, but if you want the colors NOT to sort, uncheck the Color Sort box.

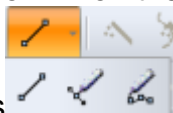
- Click OK to place the Design on a Path in your current design page.

3. Create and Save New Path


If you have QuiltWorks II installed as a toolpack, it is possible to create and save a new path. If you have MasterWorks, you may also create new paths and save them in the CustomWorks Library for Design on Path.

a) Open a new page.

b) Click on the Pencil tool  on the QuiltWorks II toolbar and then select one of



the line drawing tools

- Draw a new path or shape on the workspace.
- Select the path.
- Right click on the new path and select **Export to library** from the menu.
When the Design dialog opens, give the path a name (i.e. **fg shape**) and click Save. **PATH -->**
- Open  to view the new path.



4. Random Design for Design on Path

Any design (stitch file or blf file) may be used as a Design on Path. Very small designs ($\frac{1}{4}$ " – $\frac{3}{4}$ " work really well).

- Open a new page.
- Open the **rabbit2.blf** from the CustomWorks II Free Designs.
(Path: (C) drive –Designer's Gallery – CustomWorks – Free Designs – rabbit2.blf)

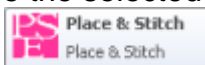
- c) Select **All Items** in the **Sequence View**. *Since this file is Grouped, it will need to be Ungrouped for this exercise.*
 - Right click and select **Ungroup** from the pop-up menu.
- d) Left click and drag a box around the carrot.
 - **In Properties** click the **Transform tab**, **Rotate 270°**, and click **Apply**.
- e) Right click on the carrot and select **Design on Path** from the menu.
- f) Change the **Width to 200mm, Length to 30mm, Spacing to 5mm, and Apply**.
- g) Click **Ok** to return to the current design page and save your design.

NOTE: CustomWorks uses a lot of the Resources in your computer especially if you have all of the Toolpacks installed. Due to this, you may need to close some of the Design pages if you are finished with them. This has been made more efficient in CustomWorks II.


- Whenever you click on a Design tab an x appears beside the design page number. Simply click on the X to close the selected design page.



V. Place and Stitch



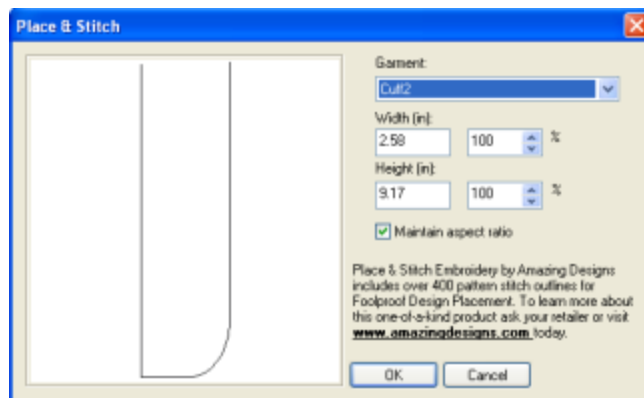
Embroidering is easy but sometimes placement can be a little tricky. The Place & Stitch feature will help you with accurate design placement on garments and other projects. You can see how your embroidery design will look without having to sew it out. This can be accomplished in five easy steps.

- A. Click the Place and Stitch tool  and select from 71 design templates.

- Use the arrow keys on your keyboard to scroll through the designs

1. Select **cuff2** from the **Garment** menu.

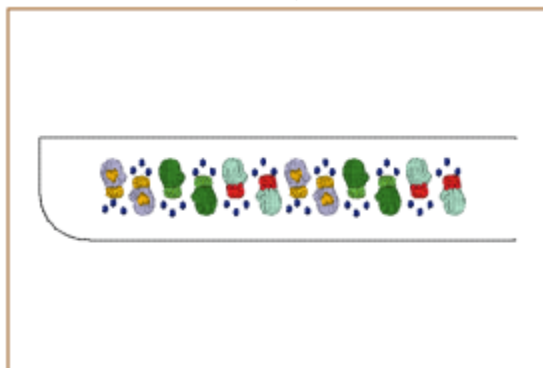
- The size may be changed to match the size of your project.
- Click Ok
- Click the **Transform tab** in Properties, enter 270 in the Rotate box and Apply.






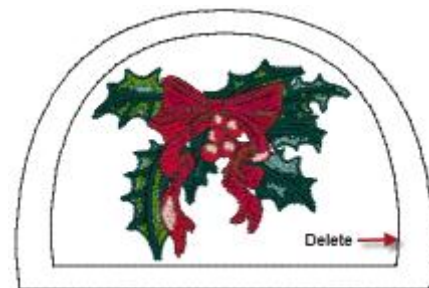
2. Click Merge Design and select your design of choice. I will use one of the Nancy Zieman designs from the Ellisimo embroidery machine.

- a) Position the embroidery on the desired area of the template.
 - You can also make a print-out of the garment template with the designs by clicking **Print Preview**, and then clicking on **Print**.
 - Turn on the hoop that you want to use to make sure everything fits in the hoop.

- b) Save the design as a stitch file.



3. Stitch the design onto a piece of hooped stabilizer.
 4. Using the stitched outline as a guide, position the shirt cuff on the stabilizer and secure the cuff to the stabilizer.
 5. Embroider the Design.
- B. Another idea for Place and Stitch is to use the templates as patterns for projects. Some could probably be used for “in the hoop projects”.
1. Open a new page.
 2. Click  and select **Dishtoweltop1** from the Garment menu.
 - **Uncheck Maintain aspect ratio** and change the **Height to 4” (100mm) x Width to 6” (150mm)** and click **OK**.
 3. Select the template and then right click to **Copy and Paste** the template.
 - In Properties, click the **Transform** tab, change the Width to 5” (127mm), and click **Apply**.
 - Click **Center Align**  on the top tool bar. *This action will produce a seam allowance and the area for the design placement. Before the design page is saved, the copied template will be deleted (its only purpose is visual).*
 4. Merge the design of your choice. I will use the holly.blf from the CustomWorks II free designs.
 - With the design selected, click the **Center** align tool . *This will place the design in the center of the template. Since it is a .blf design, it may be resized to fit the area if necessary.*
 5. Select the inside template and touch **Delete** on your keyboard.
 6. Save the design as a stitch file.
 7. Hoop the stabilizer and the fabric you will use for your project. The line that stitches for the template will be the cutting line.





NOTE: The Place and Stitch product by Nancy Zieman and Amazing Designs includes over 400 pattern stitch outlines. To learn more about how to use Place and Stitch visit www.amazingdesigns.com.
If you have purchased one of the Place and Stitch products, you may add the templates to your CustomWorks II library.



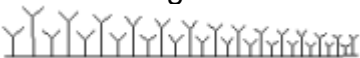



VI. More New Stuff

A. Motif Stitch Setting Adjustments

Aside from the pattern, there are a number of other settings that you can adjust that are particular to the Motif Run segment type. The Motif Stitch Settings are best understood when applied to a straight line.

1. If you have QuiltWorks installed as a tool pack, click the pencil tool  and then select one of the drawing tools and draw a straight line. Right click on the line and select **Convert to Run** or.....
2. If QuiltWorks is not installed we can create a straight line;
 - Open the **Frames**  and select the **rectangle** from the Shapes.
 - Click inside the circle beside Run and click OK.
 - Click the **Reform** tool  on the edit tool bar.
 - Right click on each of the blue edit squares (one at a time) and select Split line from the menu.
 - Delete the bottom and side lines. (*now you have a straight line*)
 - Select the line.
2. In the **Run profile** in Properties open the **Run type** menu and select Motif f081.
 - Change the **Stitch length to 7mm** (the **stitch length** is the size of the motif).
 - Click **Apply**
3. **Run length profile:** You can modify how the stitch length varies along the Motif run by choosing a different Run length profile (Linear increasing, Linear decreasing, convex or concave) Select each setting and apply to see the differences.

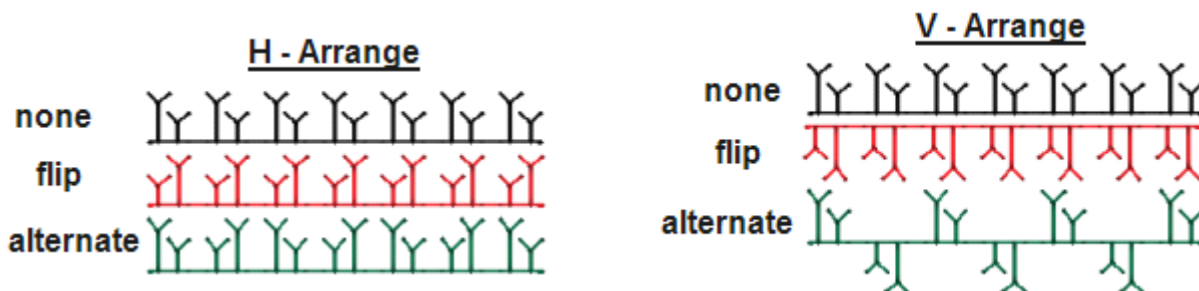
Suggestion: Use the undo and redo buttons to alternate and compare the changes.

- **None:** The length of the Run stitches will be consistent throughout the path. The Run stitch will not have a varying stitch length. 
- **Linear Increasing:** The stitch length will start at the value defined in the Minimum Stitch Length (1.5) box and will increase to the value defined in the Stitch length box.  Change the Minimum Stitch Length to 3mm. and apply to see the effect.  (MSL 3mm)
- **Linear Decreasing:** The stitch length will start at the value defined as the Stitch Length and will decrease  to the value given in the Minimum Stitch length box.
- **Convex:** The Convex setting will produce a Run stitch where the stitch length is longest at the middle of the path and shortest at the ends. 
- **Concave:** The Concave setting will produce a Run stitch where the stitch length is shortest at the middle of the path and longest at the ends. 
- Change the setting back to **None** and **Apply**.

4. **Run Spacing:** You can also change the spacing between the motifs, in order to change the density of stitches in the segment.

- Set the Run Spacing to 5 and Apply. 

5. **H-Arrange and V-Arrange:** With the Horizontal-Arrange and Vertical-Arrange settings, you can create new programmed run patterns, by rearranging the arrangement of the motifs in existing patterns. The Motif run segment can be flipped horizontally or vertically. You can also choose Alternate, which flips only every other motif in the segment.



Note: If you are using motif stitch in a frame, some motif types will work better than others; you should not expect to get good results for all combinations of motif type and stitch length.

B. Power Copy

Power Copy has been added to CustomWorks II and allows you to copy, rotate, and resize an artwork segment all in one step.

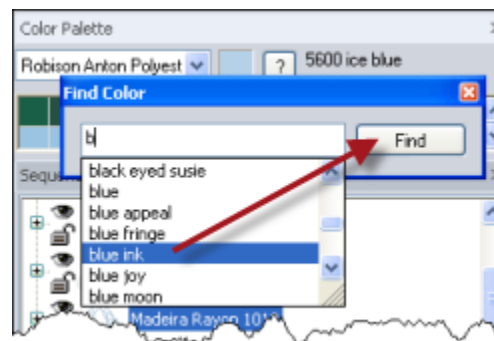
- Open a new page.
- Open any design on the workspace. (I'll select the bee from CustomWorks II Free Designs)
 - Right click on the design.
 - Select **Power Copy** from the menu.
- Left click anywhere on the workspace and a copy of the design or the design segment will be pasted on the one the workspace or left click and drag for a different size and angle.



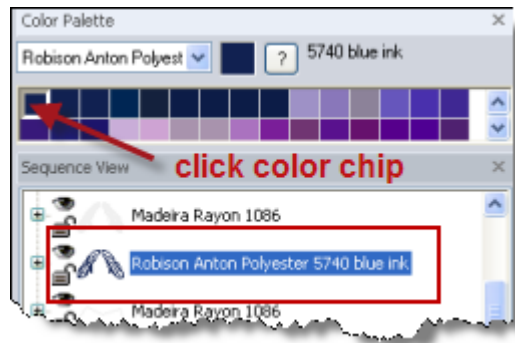
C. Color Palette

A specific color can be quickly located with the new **Find Color** feature.

- In the Sequence View, click on the 4th color (outline for the bee's wings)
- Open any color palette. (I'll use Robison Anton Poly)
- Click on the ? and a **Find Color** box opens.



- Type **b** in the box and a list of all colors beginning with the letter b appear in the menu.
- Select blue ink and click **Find**.
- Click the color chip and it will change the name of the color in the Sequence View and on the design.



This concludes today's session of CustomWorks II Beyond the Basics. Have fun with the new features and create some really awesome projects.